Abstract of the Disclosure

DIFFERENTIAL CAPACITIVE TORQUE SENSOR

A differential capacitive torque sensor for a continuously rotating shaft such as the

steering column of an automobile provides an apertured metal cage shielding a dielectric rotor.

They are respectively mounted on opposite sides of a split shaft connected by a torsion bar. The relative rotation of the apertured conductive plates and the rotor change the overall differential capacitance of the system to proportionally indicate clockwise or counter-clockwise torque.